

Ref: KCT's/LGNSCOE/2023-24/

Date: 02/01/2024

To,  
The Principal,  
Late G.N. Sapkal College of Engineering,  
Nashik (Maharashtra), 422213.

**Subject: Requesting permission for conducting add-on program**

Sir,

I, Prof. Avantika A. Mishra, a faculty member of your esteemed institution, humbly request your permission on behalf of our Computer department to plan a Value Added /Add-on program in association with IQAC aimed at enhancing students' knowledge of the subjects. The program's objective is to foster industrial awareness among the students and improve their educational experience.

This program has been planned and implemented by a committed group of professionals, who have made sure that it is in line with both our educational objectives and institutional principles. We have a thorough schedule of events, a participation list, and the materials needed.

Kindly grant us permission to proceed with organization of this program. Your support and guidance will undoubtedly boost the confidence and enthusiasm of our students. We look forward to your positive response and approval for the same.

Thanking you in anticipation.

Yours sincerely,

Prof. Avantika A. Mishra

Encl.: Program Brochure

**Syllabus:**

|                                       |  |
|---------------------------------------|--|
| 1. Neural Networks                    | 4. Deep Learning   |
| 2. Data Analysis and machine Learning | 5. Introduction to Generative AI                         |
| 3. Natural language Processing        | 6. Complete AI & Machine Learning, Data Science Bootcamp |
| 7. Face Detection, Sentiment Analyzer | 8. Deploying Machine Learning Models on Cloud            |



  
Prof.(Dr.) N.R. Wankhade

**Head of Computer Department**

  
Prof.(Dr.) Sahebrao B. Bagal  
Principal

Late G. N. Sapkal College of Engineering  
Anjaneri, Nashik-422 213.





Kalyanji Charitable Trust's

# LATE G. N. SAPKAL COLLEGE OF ENGINEERING

(Accredited with Grade 'B' by NAAC)

Affiliated to > Savitribai Phule Pune University (ID. No. PU/NA/Engg./152/2009 Ref.No.-CA/6501 Dated- 18/11/2009)

Approved by > A.I.C.T.E., New Delhi (F.N: 06/07/MS-Engg/2008/O-17, Dated- 11th June 2008)

> Govt. of Maharashtra (No. GEC-2009/(67/09)/T.E.- 4, Dated- 15th June 2009)

> D.T.E., M.S., Mumbai (No.2/NGC/Engg./Approval/2009/535, Dated - 23rd July 2009)

> AISHE CODE : C-42196



Dr. Ravindra G. Sapkal  
Chairman & Managing Director  
Kalyanji Charitable Trust

Dr. Sahebrao B. Bagal  
M.E. (E & TC), Ph.D. (E & TC)  
Principal

Date: 04/01/2024

Ref: KCT's /LGNSCOE/2023-24/

To,

Prof. Dhanashree Vijay Udgirkar,

Lecturer,

Guru Gobind Singh Polytechnic - Nashik

Subject:-Invitation letter to conduct Add On Program on "Artificial Intelligence".

Dear Mam,

We are pleased to invite you as a resource person for Add On program on "Artificial Intelligence" organized by Computer Engineering Department in association with IQAC of Late G. N. Sapkal College of Engineering, Anjaneri, Nashik 422212.

We will be grateful if you could share your valuable expertise on the topic aforementioned. We hope that the students will be benefitted by participating in this program with the current edge technology on the topic.

We look forward to your presence in the campus as per the schedule attached.

Thanking You,

With warm regards,

Yours Faithfully,

Prof. A.A. Mishra  
Program Coordinator

Prof.(Dr.) N.R. Wankhade  
Head of Computer Dept.



Prof. (Dr.) S. B. Bagal  
Principal  
Prof.(Dr.) Sahebrao B. Bagal  
Principal  
Late G. N. Sapkal College of Engineering  
Anjaneri, Nashik-422 213.

- CAMPUS : Sapkal Knowledge Hub, Kalyanji Hills, Anjaneri-Wadholi, Trimbakeshwar Road, Nashik - 422 213. (India)  
Tel.: + 91 - 2694 - 220168/69/70 | Mob.: +91 9022252699 | Toll Free No.: 1800 233 2999 | E-mail : gns\_engineering@sapkalknowledgehub.org
- CORPORATE OFFICE : Sapkal Knowledge Hub, 'Parag' 46, Ashwin Sector, Opp. Hotel Sai Palace, Mumbai-Agra Highway, Nashik - 422 009.  
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Principal



Dr. Ravindra G. Sapkal  
Chairman & Managing Director  
Kalyani Charitable Trust

Ref: KCT's /LGNSCOE/2023-24/

Date: 04/01/2024

To,

Prof. Tejal Sopan Sonawane,  
Lecturer,  
Guru Gobind Singh Polytechnic - Nashik

**Subject:- Invitation letter to conduct Add On Program on "Deep Learning".**

Dear Mam,

We are pleased to invite you as a resource person for Add On program on "Deep Learning" organized by Computer Engineering Department in association with IQAC of Late G. N. Sapkal College of Engineering, Anjaneri, Nashik 422212.

We will be grateful if you could share your valuable expertise on the topic aforementioned. We hope that the students will be benefitted by participating in this program with the current edge technology on the topic.

We look forward to your presence in the campus as per the schedule attached.

Thanking You,  
With warm regards.

Yours Faithfully,

Prof. A. Mishra  
Program Coordinator

Prof. (Dr.) N.R. Wankhade  
Head of Computer Dept.

Prof. (Dr.) S. B. Bagal  
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Dr. Sahebrao B. Bagal  
M.E. (E & TC), Ph.D. (E & TC)  
Principal

Ref: KCT's /LGNSCOE/2023-24/

Date: 04/01/2024

To,

Prof. Nishigandha Nimbaji Pawar,

Assistant Professor,

Bhonsala Military College, Nashik

Subject:- Invitation letter to conduct Add On Program on "Machine Learning".

Dear Mam,

We are pleased to invite you as a resource person for Add On program on "Machine Learning" organized by Computer Engineering Department in association with IQAC of Late G. N. Sapkal College of Engineering, Anjaneri, Nashik 422212.

We will be grateful if you could share your valuable expertise on the topic aforementioned. We hope that the students will be benefitted by participating in this program with the current edge technology on the topic.

We look forward to your presence in the campus as per the schedule attached.

Thanking You,

With warm regards.

Yours Faithfully,

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Program Coordinator

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**LATE G. N. SAPKAL COLLEGE OF ENGINEERING**

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Approved by > A.I.C.T.E., New Delhi (F.N: 09/07/MS-Engg/2009/O-17, Dated- 11th June 2009)

> Govt. of Maharashtra (No. GEC-2009/(67/09)/T.E.-4, Dated- 15th June 2009)

> D.T.E., M.S., Mumbai (No.2/NGC/Engg./Approval/2009/535, Dated - 23rd July 2009)

> AISHE CODE : C-42196

**Sahebrao B. Bagal**  
(E & TC), Ph.D. (E & TC)  
Principal



**Dr. Ravindra G. Sapkal**  
Chairman & Managing Director  
Kalyanil Charitable Trust

Ref: KCT's /LGNSCOE/2023-2024/

Date: 05/01/2024

## Notice

All the students of Computer Engineering department are hereby informed that, Five Days Add-on Program on "Core areas of Artificial Intelligence, Machine Learning and Deep learning" is organized by Computer Engineering Department in association with IQAC at our college. All are requested to attend the program.

**Speaker:** Mr. Dhanashree Vijay Udgirkar, Ms. Tejal Sopan Sonawane and Ms.

Nishigandha Nimbaji Pawar

**Venue:** ML Lab

**Day and Date:** Monday, 8<sup>th</sup> of January to 12<sup>th</sup> of January 2024

**Time:** 09:00 AM

**Prof. A.A. Mishra**  
Program Coordinator

**Prof. Dr. V. A. Kolhe**  
IQAC Coordinator

**Prof. (Dr.) N. R. Wankhade**  
HOD, Computer Engg.

**Prof. (Dr.) S. B. Bagal**  
Principal

**Prof. (Dr.) Sahebrao B. Bagal**  
Principal

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## Late G. N. Sapkal College of Engineering

Kalyani Hills, Anjaneri, Trimbakeshwar Road, Nashik – 422 213



Ref.: KCT/LGNSCOE/Comp/2024/ 99 . 1

Date: 08/01/24

To,

The Principal,

LGNSCOE, Nashik

Through-IQAC, LGNSCOE

**Subject- Approval to the Curriculum of Add on Course**

Respected Sir,

With reference to the above subject, Department of Computer Engineering has planned to organized Add on course on 'Core Areas of Artificial Intelligence, Machine Learning and Deep Learning' for TE Computer students during 01<sup>st</sup> January 2024 to 12<sup>th</sup> January 2024.

The program's syllabus was created by the faculty coordinator and other department faculty members while taking into account the most recent developments in the chosen field.

You are requested to approve the contents of the program.

Thanking You.

Prof. A. A. Mishra

Program Coordinator

Prof. (Dr.) N. R. Wankhade

HOD, Computer

Prof. (Dr.) V. A. Kolhe

IQAC Coordinator

Prof. (Dr.) S. B. Bagal

Principal







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**LATE G.N. SAPKAL COLLEGE OF  
ENGINEERING**



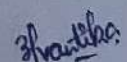
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**Department of Computer Engineering**

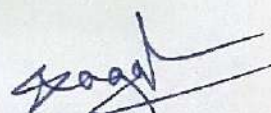
**Program Module and Outcome**  
**5 days Certificate Course/Add-on Course on**  
**"Core areas of Artificial Intelligence, Machine Learning and Deep learning"**

| Sr No. | Module   | Syllabus   |
|--------|----------|--|
| 1      | Module 1 | Core concepts of Artificial Intelligence & Deep Learning;  |
| 2      | Module 2 | Data pre-processing & engineering; Optimisation algorithms (SGD, Adam, etc.); Artificial Neural Networks (ANN)   |
| 3      | Module 3 | Q-learning; Bayesian Neural Networks (BNN); Variational Autoencoders (VAE); Generative Adversarial Networks (GAN); transfer learning; Siamese networks; Model training and evaluation.     |
| 4      | Module 4 | Linear regression, Logistic Regression, Multi-class logistic regression, Ranking Support Vector Machines, Feature selection latent factor models (PCA), Clustering (k-means, soft k-means) |

| Sr No. | Module   | Outcome   |
|--------|----------|---|
| 1      | Module 1 | Interpret and evaluate various use-cases and the applicability of artificial intelligence and deep learning.  |
| 2      | Module 2 | Adopt best practices for data processing and engineering for artificial intelligence and deep learning models.                                      |
| 3      | Module 3 | Automate deployment-ready deep learning pipelines and algorithms.   |
| 4      | Module 4 | Apply the algorithms to a real problem, optimize the models learned and report on the expected accuracy that can be achieved by applying the models |

  
Prof. A.A. Mishra  
Program Coordinator

  
Prof. (Dr.) N.R. Wankhade  
HOD Computer

  
Prof. (Dr.) S. B. Bagal  
Principal

**Prof. (Dr.) Sahebrao B. Bagal**  
Principal  
Late G. N. Sapkal College of Engineering  
Anjaneri, Nashik-422 213.







### PROGRAM REPORT

Title of the Add-on Program: "Core areas of Artificial Intelligence, Machine Learning and Deep learning"

Number of Day(s): 05

Dates(s) of Conduction: From 08/01/2024 to 12/01/2024

Venue: ML Lab(Computer Department)

Number of Participants: 60

#### Program Objectives:

1. Study the concepts of Artificial Intelligence.
2. Learn the methods of solving problems using Artificial Intelligence.
3. Learn the knowledge representation techniques, reasoning techniques and planning
4. Introduce the concepts of Expert Systems and machine learning.
5. Enable students to get familiarity with this area and to gain adequate knowledge to apply the techniques in solving real world problems.
6. To enable design and deployment of deep learning models for machine learning problems.
7. Unable students to understand the mathematics behind functioning of artificial neural networks

#### Name & Contact Details of the Resource Person(s):

1. Prof. Dhanashree Vijay Udgirkar ([ghanashree.joshi@ggsf.edu.in](mailto:ghanashree.joshi@ggsf.edu.in))

Mobile: 9175543210

Lecturer, Guru Gobind Singh Polytechnic - Nashik

2. Prof. Nishigandha Nimbaji Pawar ([nishigandhapawar6@gmail.com](mailto:nishigandhapawar6@gmail.com))

Mobile: 8623849643

Assistant Professor, Bhonsala Military College, Nashik

3. Prof. Tejal Sopan Sonawane ([tejal.sonawane@ggsf.edu.in](mailto:tejal.sonawane@ggsf.edu.in))

Mobile: 7410710651

Lecturer, Guru Gobind Singh Polytechnic - Nashik

#### Description / Explanation of the Program:

The Add-on Program on "Artificial Intelligence, Machine Learning and Deep learning" was organised for Computer Engineering Students of Late G. N. Sapkal College of Engineering to let students be aware about the concept of AI, ML and DL which enable computers to execute such intellectual jobs as decision making, trouble resolving, understanding, understanding human interaction (in any kind of language, as well as convert amongst them), and so on.

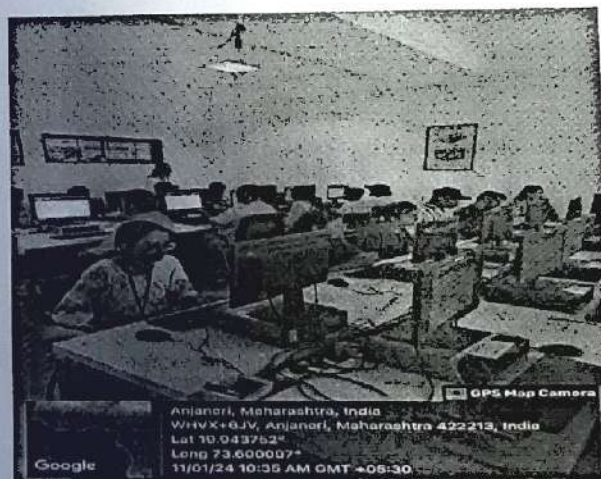
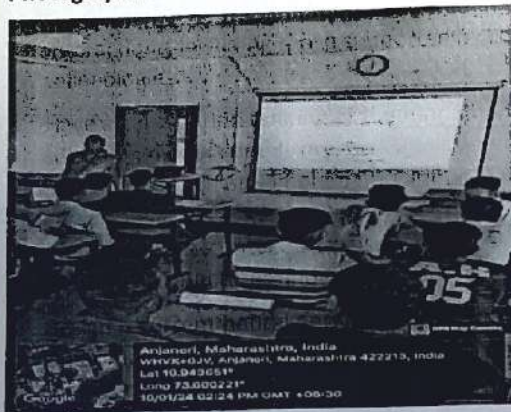




### Outcome of the Program:

1. Evaluate the advantages, disadvantages, challenges, and ramifications of human-AI augmentation.
2. Explain the benefits, limitations, and tradeoffs of designing engaging and ethical conversational user interactions, including those supported by chatbots, smart speakers, and other AI-driven, voice-based technologies.
3. Have a good understanding of the fundamental issues and challenges of machine learning: data, model selection, model complexity, etc.
4. Be able to design and implement various machine learning algorithms in a range of real-world applications.
5. Evaluate, in the context of a case study, the advantages and disadvantages of deep learning neural network architectures and other approaches.
6. Design recurrent neural networks with attention mechanisms for natural language classification, generation, and translation and Analyze a deep learning model's hardware node and GPU scalability in preparation for deployment.

### Photographs of the Event:



*Prof. A.A. Mishra*  
Prof. A.A. Mishra  
Program Coordinator

*Prof. (Dr.) Sahebrao B. Bagal*  
Prof. (Dr.) Sahebrao B. Bagal  
Principal

*Prof. (Dr.) N. R. Wankhade*  
Prof. (Dr.) N. R. Wankhade  
Head of Department

**Prof.(Dr.) Sahebrao B. Bagal**  
Principal  
Late G. N. Sapkal College of Engineering  
Anjaneri, Nashik-422 213.







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**Department of Computer Engineering****In Association with IOAC****Five Days Add-on Program on "Core Areas of Artificial Intelligence, Machine Learning and Deep learning"****ATTENDANCE OF PARTICIPANTS**

| Sr. No. | Name of Participants        | Sign (08 Jan 2024) | Sign (09 Jan 2024) | Sign (10 Jan 2024) | Sign (11 Jan 2024) | Sign (12 Jan 2024) |
|---------|-----------------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| 1.      | Lantik Dilip Bagul          |                    |                    |                    |                    |                    |
| 2.      | Abhay Mohan Deore           |                    |                    |                    |                    |                    |
| 3.      | Gouridharan Ashok Jadhav    |                    |                    |                    |                    |                    |
| 4.      | Darshana Oinkar Kaked       |                    |                    |                    |                    |                    |
| 5.      | Vishal Maruti Gage          |                    |                    |                    |                    |                    |
| 6.      | Ajinkya Hiralal Bari        |                    |                    |                    |                    |                    |
| 7.      | Anand Samadhan Shire        |                    |                    |                    |                    |                    |
| 8.      | Akhil Sanjay Ghare          |                    |                    |                    |                    |                    |
| 9.      | Komal Rasindra Bhole        |                    |                    |                    |                    |                    |
| 10.     | Rajashree Vichnu Chavale    |                    |                    |                    |                    |                    |
| 11.     | Kalpesh Ramesh Gavit        |                    |                    |                    |                    |                    |
| 12.     | Yash Kishore Patil          |                    |                    |                    |                    |                    |
| 13.     | Pankaj Prakash Shinde       |                    |                    |                    |                    |                    |
| 14.     | Rutuja Sunil Shelke         |                    |                    |                    |                    |                    |
| 15.     | Anjana Shailendra Patil     |                    |                    |                    |                    |                    |
| 16.     | Pratik Anil Patil           |                    |                    |                    |                    |                    |
| 17.     | Chetan Shantilal Shawant    |                    |                    |                    |                    |                    |
| 18.     | Nitin Kumar Naveen Singh    |                    |                    |                    |                    |                    |
| 19.     | Yash Sachin Vidhate         |                    |                    |                    |                    |                    |
| 20.     | Shreya Sanjaysingh Pandeshi |                    |                    |                    |                    |                    |
| 21.     | Manoj Rajendra Prasad       |                    |                    |                    |                    |                    |
| 22.     | Ganesh Gorakh Tase          |                    |                    |                    |                    |                    |
| 23.     | Hemanshi Pradeep Pandey     |                    |                    |                    |                    |                    |
| 24.     | Jaykumar Nitin Tukur        |                    |                    |                    |                    |                    |
| 25.     | Yogesh Jayram Patil         |                    |                    |                    |                    |                    |
| 26.     | Prathem Pradha dete         |                    |                    |                    |                    |                    |
| 27.     | Ruchita Tarhar Singhania    |                    |                    |                    |                    |                    |
| 28.     | Uday Kailas Jadhav          |                    |                    |                    |                    |                    |
| 29.     | Tejaswini Pravin Nagpure    |                    |                    |                    |                    |                    |
| 30.     | Ashutosh Manoj Sharma       |                    |                    |                    |                    |                    |
| 31.     | Sanika Sandeep Bochara      |                    |                    |                    |                    |                    |
| 32.     | Rishi Mishra                |                    |                    |                    |                    |                    |
| 33.     | Sagar Sanjay Waje           |                    |                    |                    |                    |                    |
| 34.     | Yash Sachin Vidhate         |                    |                    |                    |                    |                    |
| 35.     | Sujal Kamalakar Wagh        |                    |                    |                    |                    |                    |
| 36.     | Akhil Dinesh Patil          |                    |                    |                    |                    |                    |
| 37.     | Rushant Sandip Patdar       |                    |                    |                    |                    |                    |
| 38.     | Tanish Ashok Tarde          |                    |                    |                    |                    |                    |





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|     |                           |         |         |         |         |         |
|-----|---------------------------|---------|---------|---------|---------|---------|
| 39. | Chavan Ritesh Sunil       | Ritesh  | Ritesh  | Ritesh  | Ritesh  | Ritesh  |
| 40. | Game Pawan Shivaji        | Game    | Game    | Game    | Game    | Game    |
| 41. | Changade Sanket Shivaji   | Sanket  | Sanket  | Sanket  | Sanket  | Sanket  |
| 42. | Borse Ganesh Narayan      | Ganesh  | Ganesh  | Ganesh  | Ganesh  | Ganesh  |
| 43. | Chitale Shubham Devidas   | Shubham | Shubham | Shubham | Shubham | Shubham |
| 44. | Ganur Ritesh Balasaheb    | Ritesh  | Ritesh  | Ritesh  | Ritesh  | Ritesh  |
| 45. | Jadhav Gayatri Bhurat     | Gayatri | Gayatri | Gayatri | Gayatri | Gayatri |
| 46. | Jadhav Aditi Sunil        | Aditi   | Aditi   | Aditi   | Aditi   | Aditi   |
| 47. | Bagul Ganesh Kashinath    | Ganesh  | Ganesh  | Ganesh  | Ganesh  | Ganesh  |
| 48. | Jadhav Saurabh Vijay      | Saurabh | Saurabh | Saurabh | Saurabh | Saurabh |
| 49. | Jadhav Tejas Tarachand    | Tejas   | Tejas   | Tejas   | Tejas   | Tejas   |
| 50. | Kadam Akash Ashok         | Akash   | Akash   | Akash   | Akash   | Akash   |
| 51. | Nagare Gayatri Jitkul     | Gayatri | Gayatri | Gayatri | Gayatri | Gayatri |
| 52. | Pawar Roshan Vijay        | Roshan  | Roshan  | Roshan  | Roshan  | Roshan  |
| 53. | Sanap Mahesh Narnath      | Mahesh  | Mahesh  | Mahesh  | Mahesh  | Mahesh  |
| 54. | Shimpi Piyush Kishor      | Piyush  | Piyush  | Piyush  | Piyush  | Piyush  |
| 55. | Patil Piyush Vijay        | Piyush  | Piyush  | Piyush  | Piyush  | Piyush  |
| 56. | Shrinath Vinish Madhukesh | Vinish  | Vinish  | Vinish  | Vinish  | Vinish  |
| 57. | Gosavi Vaibhav Ashok      | Vaibhav | Vaibhav | Vaibhav | Vaibhav | Vaibhav |
| 58. | Patil Kuldip Nitin        | Kuldip  | Kuldip  | Kuldip  | Kuldip  | Kuldip  |
| 59. | Pawar Yashini Arun        | Yashini | Yashini | Yashini | Yashini | Yashini |
| 60. | Rane Sugash Ravindra      | Sugash  | Sugash  | Sugash  | Sugash  | Sugash  |



Prof.(Dr.) Sahebrao B. Bagal  
Principal

Late G. N. Sapkal College of Engineering,  
Anjaneri, Nashik - 422 212





Kalyanil Charitable Trust's

# LATE G. N. SAPKAL COLLEGE OF ENGINEERING

(Accredited with Grade 'B' by NAAC)

Affiliated to > Savitribai Phule Pune University (ID. No. PU/NA/Engg./152/2009 Ref.No.-CA/6501 Dated- 18/11/2009)

Approved by > A.I.C.T.E., New Delhi (F.N: 06/07/MS-Engg/2008/O-17, Dated- 11th June 2009)

> Govt. of Maharashtra (No. GEC-2009/(67/09)/T.E.- 4, Dated- 15th June 2009)

> D.T.E., M.S., Mumbai (No.2/NGC/Engg./Approval/2009/535, Dated - 23rd July 2009)

> AISHE CODE : C-42196



**Dr. Ravindra G. Sapkal**  
Chairman & Managing Director  
Kalyanil Charitable Trust

**Dr. Sahebrao B. Bagal**  
M.E. (E & TC), Ph.D. (E & TC)  
Principal

Date: 12/01/2024

Ref: KCT's /LGNSCOE/2023-24/

To,

Prof. Tejal Sopan Sonawane,

Lecturer,

Guru Gobind Singh Polytechnic - Nashik

Subject: - Letter of appreciation.

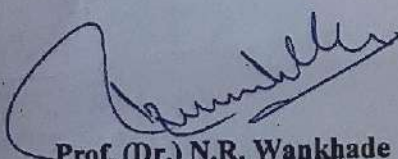
Dear Mam,

We would like to take this opportunity to express our appreciation to you for successfully conducting Five Days Add On program on "Deep Learning" organized by Department of Computer Engineering of Late G. N. Sapkal College of Engineering, Nashik in association with IQAC cell LGNSCOE Nashik.

It was extremely informative, and participation illustrated the importance of this topic to our students. We would like to thank about your personally taking time out of your hectic schedule to provide us with the full of information.

Thanking You,

With warm regards.



**Prof. (Dr.) N.R. Wankhade**  
Head of Computer Department



**Prof. (Dr.) S. B. Bagal**

**Principal**  
**Prof. (Dr.) Sahebrao B. Bagal**  
Principal  
Late G. N. Sapkal College of Engineering  
Anjaneri, Nashik-422 213.



- **CAMPUS** : Sapkal Knowledge Hub, Kalyanil Hills, Anjaneri-Wadholi, Trimbakeshwar Road, Nashik - 422 213. (India)  
Tel.: + 91- 2594 - 220168/69/70 | Mob.: +91 9922252699 | Toll Free No.: 1800 233 2999 | E-mail : gns\_engineering@sapkalknowledgehub.org
- **CORPORATE OFFICE** : Sapkal Knowledge Hub, 'Parag' 46, Ashwin Sector, Opp. Hotel Sai Palace, Mumbai-Agra Highway, Nashik - 422 009.  
Tel.: +91 - 253 - 2392450 / 51 | E-mail : head.marketing@sapkalknowledgehub.org | Website : www.sapkalknowledgehub.org
- **MUMBAI OFFICE** : Sapkal Knowledge Hub, Unit No. 22, 1<sup>st</sup> Floor, Shubhada Tower Shopping Centre, Sir Pochkhanwala Road, Near R.T.O. Office, Worli, Mumbai - 400 030. Tel.: + 91 - 22 - 24938914 / 15 | E-mail : cmd@sapkalknowledgehub.org, ravi.sapkal@gmail.com





Kalyanil Charitable Trust's

# LATE G. N. SAPKAL COLLEGE OF ENGINEERING

(Accredited with Grade 'B' by NAAC)

- Affiliated to > Savitribai Phule Pune University (ID. No. PU/NA/Engg./152/2009 Ref.No.-CA/6501 Dated- 18/11/2009)  
Approved by > A.I.C.T.E., New Delhi (F.N: 06/07/MS-Engg/2008/O-17, Dated- 11th June 2009)  
> Govt. of Maharashtra (No. GEC-2009/(67/09)/T.E.- 4, Dated- 15th June 2009)  
> D.T.E., M.S., Mumbai (No.2/NGC/Engg./Approval/2009/535, Dated - 23rd July 2009)  
> AISHE CODE : C-42196

Dr. Sahebrao B. Bagal  
M.E. (E & TC), Ph.D. (E & TC)  
Principal



Dr. Ravindra G. Sapkal  
Chairman & Managing Director  
Kalyanil Charitable Trust

Ref: KCT's /LGNSCOE/2023-24/

Date: 12/01/2024

To,

Prof. Nishigandha Nimbaji Pawar,  
Assistant Professor,  
Bhonsala Military College, Nashik

**Subject:** - Letter of appreciation.

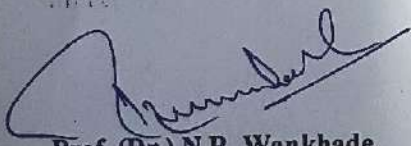
Dear Mam,

We would like to take this opportunity to express our appreciation to you for successfully conducting Five Days Add On program on "Machine Learning" organized by Department of Computer Engineering of Late G. N. Sapkal College of Engineering, Nashik in association with IQAC cell LGNSCOE Nashik.

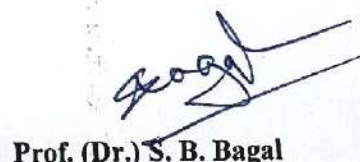
It was extremely informative, and participation illustrated the importance of this topic to our students. We would like to thank about your personally taking time out of your hectic schedule to provide us with the full of information.

Thanking You,

With warm regards.



Prof. (Dr.) N.R. Wankhade  
Head of Computer Department



Prof. (Dr.) S. B. Bagal  
Principal  
Prof. (Dr.) Sahebrao B. Bagal  
Principal  
Late G. N. Sapkal College of Engineering  
Anjaneri, Nashik-422 213.



- CAMPUS :** Sapkal Knowledge Hub, Kalyanil Hills, Anjaneri-Wadholi, Trimbakeshwar Road, Nashik - 422 213. (India)  
Tel.: + 91- 2594 - 220168/69/70 | Mob.: +91 9922252699 | Toll Free No.: 1800 233 2999 | E-mail : gns\_engineering@sapkalknowledgehub.org
- CORPORATE OFFICE :** Sapkal Knowledge Hub, 'Parag' 48, Ashwin Sector, Opp. Hotel Sai Palace, Mumbai-Agra Highway, Nashik - 422 009.  
Tel.: +91 - 253 - 2392450 / 51 | E-mail : head.marketing@sapkalknowledgehub.org | Website : www.sapkalknowledgehub.org
- MUMBAI OFFICE :** Sapkal Knowledge Hub, Unit No. 22, 1<sup>st</sup> Floor, Shubhada Tower Shopping Centre, Sir Pochkhanwala Road, Near R.T.O. Office, Worli, Mumbai - 400 030. Tel.: + 91 - 22 - 24938914 / 15 | E-mail : cmd@sapkalknowledgehub.org, ravi.sapkal@gmail.com





Kalyanil Charitable Trust's

# LATE G. N. SAPKAL COLLEGE OF ENGINEERING

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Affiliated to > Savitribai Phule Pune University (ID. No. PU/NA/Engg./152/2009 Ref.No.-CA/6501 Dated- 18/11/2009)

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> AISHE CODE : C-42196

Dr. Sahebrao B. Bagal  
M.E. (E & TC), Ph.D. (E & TC)  
Principal



Dr. Ravindra G. Sapkal  
Chairman & Managing Director  
Kalyanil Charitable Trust

Ref: KCT's /LGNSCOE/2023-24/

Date: 12/01/2024

To,

Mr. Dhanashree Vijay Udgirkar

Lecturer,

Guru Gobind Singh Polytechnic - Nashik

**Subject: - Letter of appreciation.**

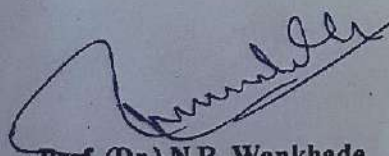
Dear Mam,

We would like to take this opportunity to express our appreciation to you for successfully conducting Five Days Add On program on "Artificial Intelligence" organized by Department of Computer Engineering of Late G. N. Sapkal College of Engineering, Nashik in association with IQAC cell LGNSCOE Nashik,.

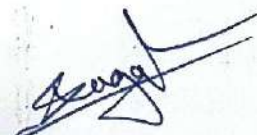
It was extremely informative, and participation illustrated the importance of this topic to our students. We would like to thank about your personally taking time out of your hectic schedule to provide us with the full of information.

Thanking You,

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Head of Computer Department



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Prof. (Dr.) Sahebrao B. Bagal  
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### FFEDBACK FORM – RESOURCE PERSON

We would appreciate if you could take a few minute to share your opinion with us.

Name of the Resource Person: Dhanashree Vijay Udgarhar

Mobile No: 9175543210 E-mail id: dhanashree.joshi@ggcf.edu.in

Name of the Affiliating Institute: Guru Gobind Singh, Polytechnic

Address of the Affiliating Institute: Guru Gobind Singh Mang Wadala-Patwardi Road Indira Nagar Nashik

Title of the Talk: Artificial Intelligence

Date(s) of Participation: From 08<sup>th</sup> Jan 2024 to 12<sup>th</sup> of Jan 2024 Days: 05

Kindly tick mark (✓) in the relevant box below

| Sr. | Performance Attributes   | Rating  |            |   |                   |   |                  |   |   |   |    |
|-----|--|---|------------|---|-------------------|---|------------------|---|---|---|----|
|     |  | 1   | 2          | 3 | 4                 | 5 | 6                | 7 | 8 | 9 | 10 |
| 1.  | Involvement of the participants in the session   |   |            |   |                   |   |                  |   |   |   | ✓  |
|     |  | 1 – Uninterested; 5 – Interested; 10 – Very Inquisitive   |            |   |                   |   |                  |   |   |   |    |
| 2.  | Nature of the event organized (Relevance to students / Academics)                          |   |            |   |                   |   |                  |   |   |   | ✓  |
|     |  | 1 – Moderately Relevant; 10 – Most Relevant               |            |   |                   |   |                  |   |   |   |    |
| 3.  | Infrastructural capacity of the organizing Department / Institute                          |   |            |   |                   |   |                  |   |   |   | ✓  |
|     |  | 1 – Insufficient; 5 – Sufficient; 10 – Excellent          |            |   |                   |   |                  |   |   |   |    |
| 4.  | Overall impact of the event on the participants  |   |            |   |                   |   |                  |   |   | ✓ |    |
|     |  | 1 – Beneficial; 5 – More Beneficial; 10 – Most Beneficial |            |   |                   |   |                  |   |   |   |    |
| 5.  | Comments on the boarding and lodging facilities (if availed)                               |   |            |   |                   |   |                  |   |   | ✓ |    |
|     |  | 1 – Average; 5 – Good; 10 – Excellent                     |            |   |                   |   |                  |   |   |   |    |
| 6.  | In near future how would you like to associate with the Students / Department / Institute? |   |            |   |                   |   |                  |   |   |   |    |
|     | Mentoring  | Infrastructure Sharing                                    | Employment |   | Financial Support |   | All of the above |   |   |   |    |
| 7.  | Comments / Suggestions:<br><u>Overall experience was so good.</u>                          |   |            |   |                   |   |                  |   |   |   |    |

Dhanashree  
Signature of Resource Person

Please return this form to the Program Co-ordinator





**FFEDBACK FORM - RESOURCE PERSON**

We would appreciate if you could take a few minute to share your opinion with us.

Name of the Resource Person: Nishigandha Nimhaji Pawar

Mobile No: 86.23849.643 E-mail id: nishigandhapawar6@gmail.com

Name of the Affiliating Institute: Bhonsala Military College

Address of the Affiliating Institute: Dr. Moonje Mang Ram Bhoomi Samarth nagar, Nashik (422005)

Title of the Talk: Machine Learning

Date(s) of Participation: From 8<sup>th</sup> of January 2024 to 12<sup>th</sup> of January 2024 Days: 05

Kindly tick mark (✓) in the relevant box below

| Sr. | Performance Attributes   | Rating  |                        |   |            |   |                   |   |                  |   |    |
|-----|--|---|------------------------|---|------------|---|-------------------|---|------------------|---|----|
|     |  | 1   | 2                      | 3 | 4          | 5 | 6                 | 7 | 8                | 9 | 10 |
| 1.  | Involvement of the participants in the session   |   |                        |   |            |   |                   |   | ✓                |   |    |
|     |  | 1 - Uninterested; 5 - Interested; 10 - Very Inquisitive   |                        |   |            |   |                   |   |                  |   |    |
| 2.  | Nature of the event organized (Relevance to students / Academics)                          |   |                        |   |            |   |                   |   |                  | ✓ |    |
|     |  | 1 - Moderately Relevant; 10 - Most Relevant               |                        |   |            |   |                   |   |                  |   |    |
| 3.  | Infrastructural capacity of the organizing Department / Institute                          |   |                        |   |            |   |                   |   | ✓                |   |    |
|     |  | 1 - Insufficient; 5 - Sufficient; 10 - Excellent          |                        |   |            |   |                   |   |                  |   |    |
| 4.  | Overall impact of the event on the participants  |   |                        |   |            |   |                   |   |                  | ✓ |    |
|     |  | 1 - Beneficial; 5 - More Beneficial; 10 - Most Beneficial |                        |   |            |   |                   |   |                  |   |    |
| 5.  | Comments on the boarding and lodging facilities (if availed )                              |   |                        |   |            |   |                   |   |                  | ✓ |    |
|     |  | 1 - Average; 5 - Good; 10 - Excellent                     |                        |   |            |   |                   |   |                  |   |    |
| 6.  | In near future how would you like to associate with the Students / Department / Institute? |   |                        |   |            |   |                   |   |                  |   |    |
|     | Mentoring  |   | Infrastructure Sharing |   | Employment |   | Financial Support |   | All of the above | ✓ |    |
| 7.  | Comments / Suggestions:<br><u>Not needed</u>   |   |                        |   |            |   |                   |   |                  |   |    |

Please return this form to the Program Co-ordinator.



Dawet.  
Signature of Resource Person



### FFEDBACK FORM – RESOURCE PERSON

We would appreciate if you could take a few minute to share your opinion with us.

Name of the Resource Person: Tejal Seban Sonawane

Mobile No: 7410710651 E-mail id: tejal.sonawane@ggsf.edu.in

Name of the Affiliating Institute: Guru G. S. Singh Polytechnic, Nashik

Address of the Affiliating Institute: Indira Nagar, Nashik (422009)

Title of the Talk: Deep Learning major areas

Date(s) of Participation: From 8 Jan 2024 to 13 Jan 2024 Days: 05

Kindly tick mark (✓) in the relevant box below

| Sr. | Performance Attributes   | Rating  |                        |   |            |   |                   |   |                  |   |    |
|-----|--|---|------------------------|---|------------|---|-------------------|---|------------------|---|----|
|     |  | 1   | 2                      | 3 | 4          | 5 | 6                 | 7 | 8                | 9 | 10 |
| 1.  | Involvement of the participants in the session   |   |                        |   |            |   |                   |   |                  | ✓ |    |
|     |  | 1 – Uninterested; 5 – Interested; 10 – Very Inquisitive   |                        |   |            |   |                   |   |                  |   |    |
| 2.  | Nature of the event organized (Relevance to students / Academics)                          |   |                        |   |            |   |                   |   |                  |   | ✓  |
|     |  | 1 – Moderately Relevant; 10 – Most Relevant               |                        |   |            |   |                   |   |                  |   |    |
| 3.  | Infrastructural capacity of the organizing Department / Institute                          |   |                        |   |            |   |                   |   |                  | ✓ |    |
|     |  | 1 – Insufficient; 5 – Sufficient; 10 – Excellent          |                        |   |            |   |                   |   |                  |   |    |
| 4.  | Overall impact of the event on the participants  |   |                        |   |            |   |                   |   |                  | ✓ |    |
|     |  | 1 – Beneficial; 5 – More Beneficial; 10 – Most Beneficial |                        |   |            |   |                   |   |                  |   |    |
| 5.  | Comments on the boarding and lodging facilities (if availed )                              |   |                        |   |            |   |                   |   |                  |   | ✓  |
|     |  | 1 – Average; 5 – Good; 10 – Excellent                     |                        |   |            |   |                   |   |                  |   |    |
| 6.  | In near future how would you like to associate with the Students / Department / Institute? |   |                        |   |            |   |                   |   |                  |   |    |
|     | Mentoring  |   | Infrastructure Sharing |   | Employment |   | Financial Support |   | All of the above |   |    |
| 7.  | Comments / Suggestions:  |   |                        |   |            |   |                   |   |                  |   |    |

Please return this form to the Program Co-ordinator.



Tejal  
Signature of Resource Person



Late G. N. Sapkal College of Engineering  
Department of Computer Engineering  
**FEEDBACK OF PARTICIPANTS**

**Title of the Program/Event:** 5 days Add-on Program/Certificate course on “Core Areas of Artificial Intelligence, Machine Learning and Deep learning” in Department of Computer Engineering in Association with IQAC.

Name of Participant: Yash Kishore Patil.....

|    |  |   |   |                                     |
|----|--|---|---|-------------------------------------|
| 1. | Did you find the Workshop is useful?                               | 1   | 2 | 3                                   |
|    |  |   |   | <input checked="" type="checkbox"/> |
|    |  | 1-Not useful ; 2-To some Extent ; 3-Very useful |   |                                     |
| 2. | Did it fulfill your expectation?                                   | 1   | 2 | 3                                   |
|    |  |   |   | <input checked="" type="checkbox"/> |
|    |  | 1-Not useful ; 2-To some Extent ; 3-Very useful |   |                                     |
| 3. | Did the Workshop improve your knowledge about the topic discussed? | 1   | 2 | 3                                   |
|    |  |   |   | <input checked="" type="checkbox"/> |
|    |  | 1-Not useful ; 2-To some Extent ; 3-Very useful |   |                                     |
| 4. | Suggestions to further improvement:                                |   |   |                                     |



Yash  
Signature of Participant



Late G. N. Sapkal College of Engineering  
Department of Computer Engineering  
**FEEDBACK OF PARTICIPANTS**

**Title of the Program/Event:** 5 days Add-on Program/Certificate course on "Core Areas of Artificial Intelligence, Machine Learning and Deep learning" in Department of Computer Engineering in Association with IQAC.

**Name of Participant:** Borse Gaurav Narayan .....

|    |  |   |   |   |
|----|--|---|---|---|
| 1. | Did you find the Workshop is useful?                               | 1   | 2 | 3 |
|    |  |   |   | ✓ |
|    |  | 1-Not useful ; 2-To some Extent ; 3-Very useful |   |   |
| 2. | Did it fulfill your expectation?                                   | 1   | 2 | 3 |
|    |  |   |   | ✓ |
|    |  | 1-Not useful ; 2-To some Extent ; 3-Very useful |   |   |
| 3. | Did the Workshop improve your knowledge about the topic discussed? | 1   | 2 | 3 |
|    |  |   | ✓ |   |
|    |  | 1-Not useful ; 2-To some Extent ; 3-Very useful |   |   |
| 4. | Suggestions to further improvement:                                |   |   |   |



[Signature]  
Signature of Participant



Engineering in Association with IQAC.

**Late G. N. Sapkal College of Engineering**  
**Department of Computer Engineering**  
**FEEDBACK OF PARTICIPANTS**

**Title of the Program/Event:** 5 days Add-on Program/Certificate course on “Core Areas of Artificial Intelligence, Machine Learning and Deep learning” in Department of Computer Engineering in Association with IQAC.

**Name of Participant:** Game..Pavan..Shiraji.....

|    |  |   |   |   |
|----|--|---|---|---|
| 1. | Did you find the Workshop is useful?                               | 1   | 2 | 3 |
|    |  |   |   | ✓ |
|    |  | 1-Not useful ; 2-To some Extent ; 3-Very useful |   |   |
| 2. | Did it fulfill your expectation?                                   | 1   | 2 | 3 |
|    |  |   | ✓ |   |
|    |  | 1-Not useful ; 2-To some Extent ; 3-Very useful |   |   |
| 3. | Did the Workshop improve your knowledge about the topic discussed? | 1   | 2 | 3 |
|    |  |   |   | ✓ |
|    |  | 1-Not useful ; 2-To some Extent ; 3-Very useful |   |   |
| 4. | Suggestions to further improvement:                                |   |   |   |



Pavan  
Signature of Participant





Kalyani Charitable Trust's  
**Late G. N. Sapkal  
College of Engineering**




Sapkal Knowledge Hub, Kalyani Hills, Anjaneri, Trimbakeshwar Road, Nashik


**Department Of Computer Engineering**


***Certificate***

This is to certify that Aditi Sunil Tadhas has completed Five days Program on "Core areas of Artificial Intelligence, Machine Learning and Deep learning" organized by Computer Engineering Department of Late G. N. Sapkal College of Engineering in Association with IQAC from 8<sup>th</sup> of January to 12<sup>th</sup> of January 2024.

  
Prof. A. A. Mishra

**Program Coordinator Add-on Program**

  
Prof. (Dr.) N. R. Wankhade  
**Head of Department**

  
Prof. (Dr.) S. B. Bagal  
**Principal**







Kalyani Charitable Trust's

**Late G. N. Sapkal  
College of Engineering**

Sapkal Knowledge Hub, Kalyani Hills, Anjaneri, Trimbakeshwar Road, Nashik



**Department Of Computer Engineering**

***Certificate***

This is to certify that Yash Sachin Vidhate has completed Five days Program on "Core areas of Artificial Intelligence, Machine Learning and Deep learning" organized by Computer Engineering Department of Late G. N. Sapkal College of Engineering in Association with IQAC from 8<sup>th</sup> of January to 12<sup>th</sup> of January 2024.

*Shantika*  
Prof. A. A. Mishra

**Program Coordinator Add-on Program**

*N. R. Wankhade*  
Prof. (Dr.) N. R. Wankhade  
**Head of Department**

*S. B. Bagal*  
Prof. (Dr.) S. B. Bagal  
**Principal**







Kalyani Charitable Trust's

**Late G. N. Sapkal**

**College of Engineering**


Sapkal Knowledge Hub, Kalyani Hills, Anjaneri, Trimbakeshwar Road, Nashik



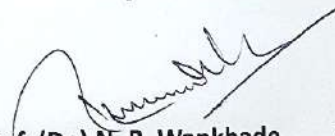
**Department Of Computer Engineering**

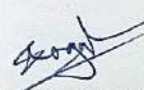
## *Certificate*

This is to certify that Pratik Anil Patil has completed Five days Program on "Core areas of Artificial Intelligence, Machine Learning and Deep learning" organized by Computer Engineering Department of Late G. N. Sapkal College of Engineering in Association with IQAC from 8<sup>th</sup> of January to 12<sup>th</sup> of January 2024.

  
Prof. A. A. Mishra

**Program Coordinator Add-on Program**

  
Prof. (Dr.) N. R. Wankhade  
**Head of Department**

  
Prof. (Dr.) S. B. Bagal  
**Principal**

